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(54) Title: METHOD FOR MIXING AND HOMOGENISATION OF BINDING AGENTS AND ADDITIVES

(57) Abstract: There is described a method for mixing and homogenisation of binding agents and additives in particular formulated for use the production of panels made from organic fibres and comprising the following method steps: dosing water-soluble UF/MUF resin of 90% by weight, dosing water-soluble hardener agent in the range of 5% by weight, dosing not water-soluble penetration agent in the range of 2-5% of weight, dosing not water-soluble foaming agent in the range of 2-5% of weight, continuous dosing these fluids into a collective tube leading to a common dynamic mixing and homogenisation unit and, operation said dynamic and homogenisation unit until a homogeneous and activated resin mixture is effected, so that said mixture having a structure like an emulsion containing wax penetration micro drops.



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